

FIG. 1

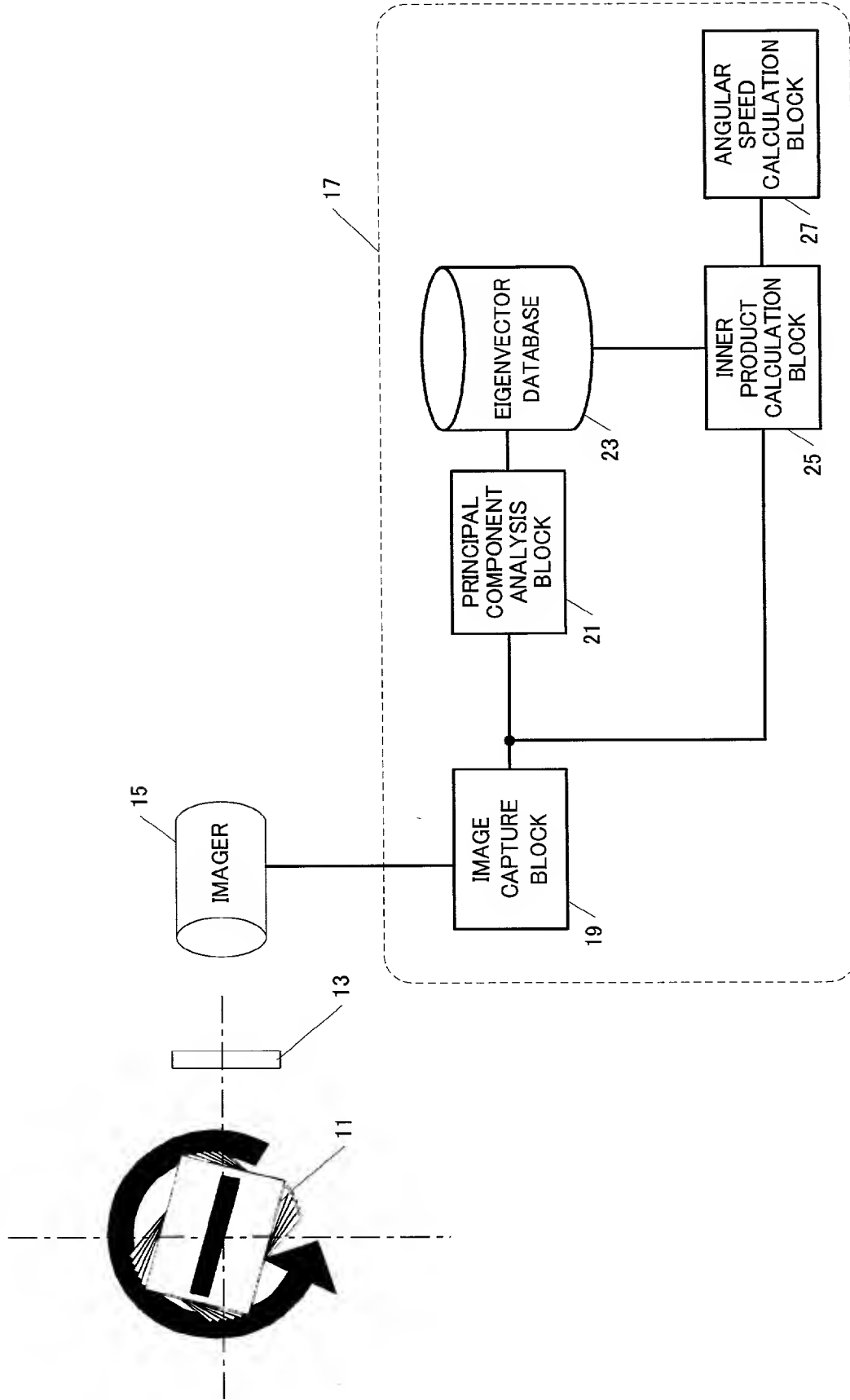


FIG. 2

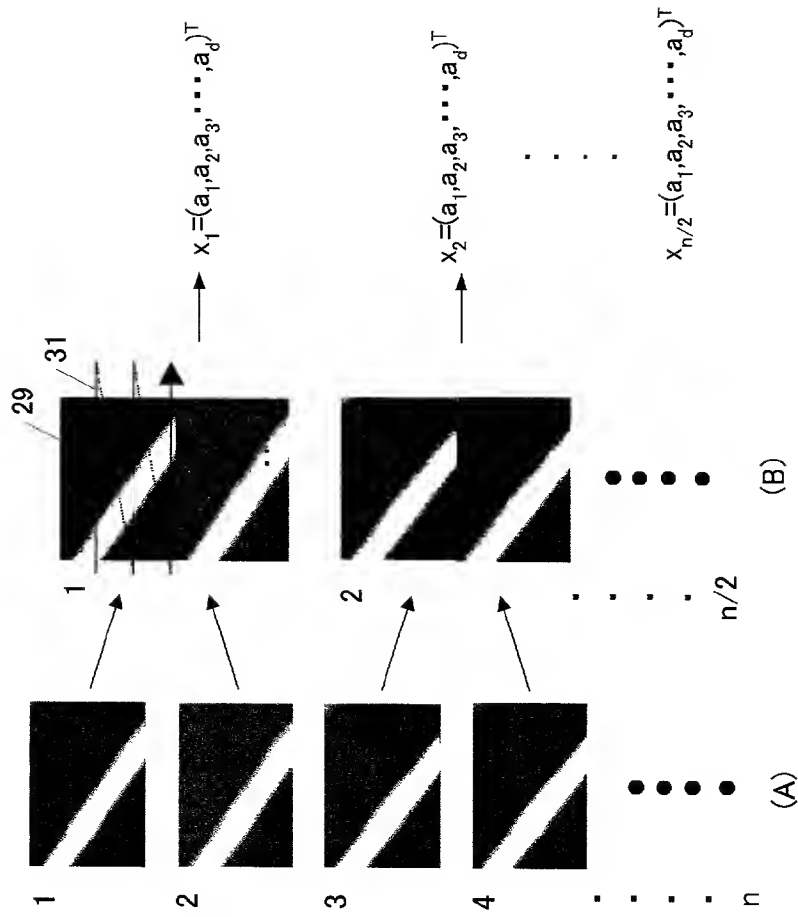


FIG. 3

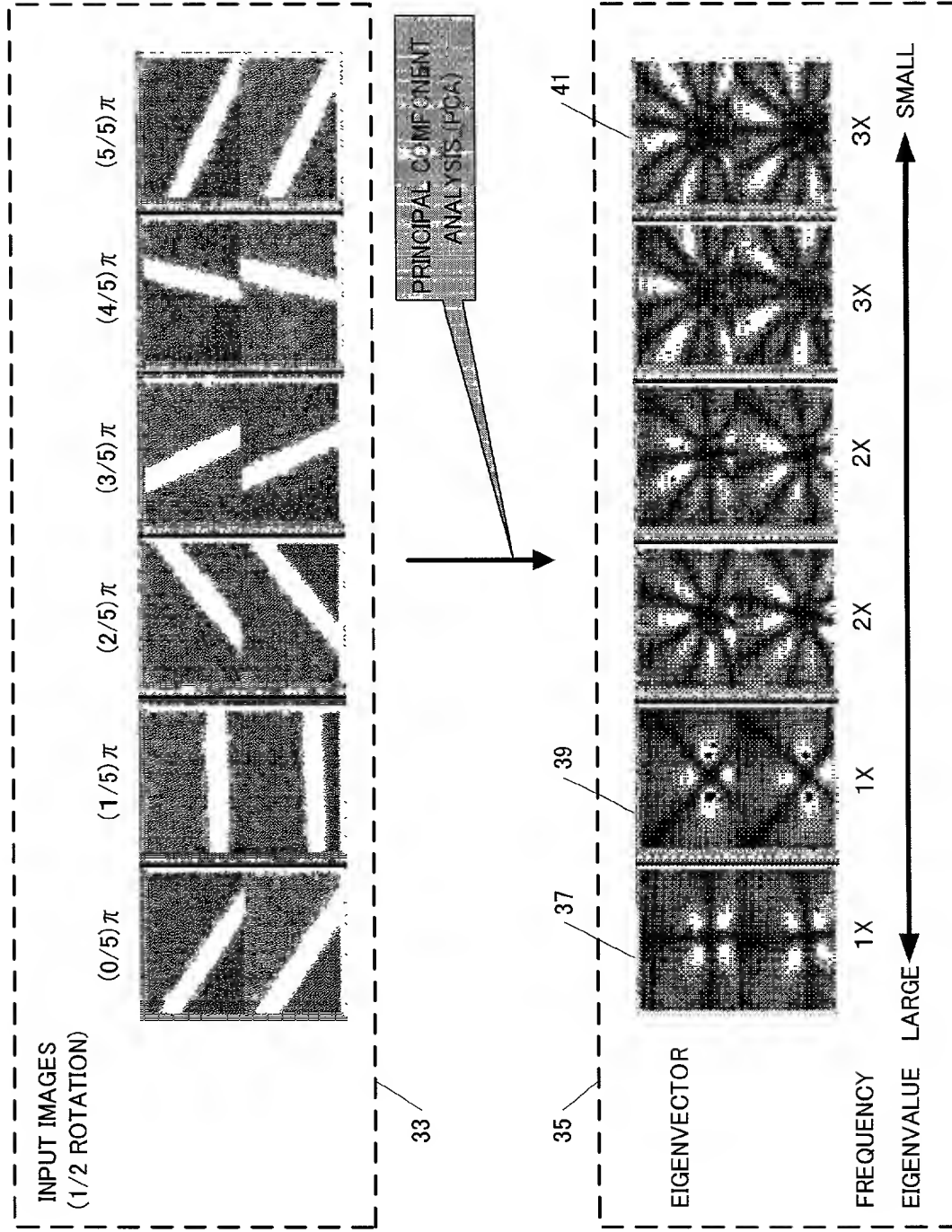
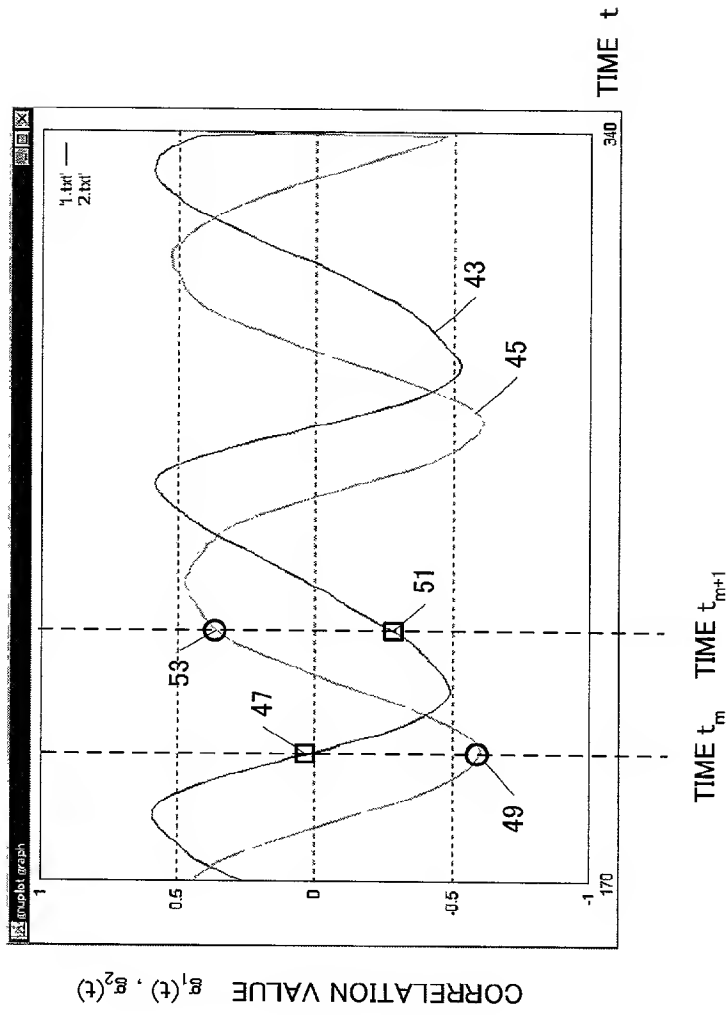


FIG. 4



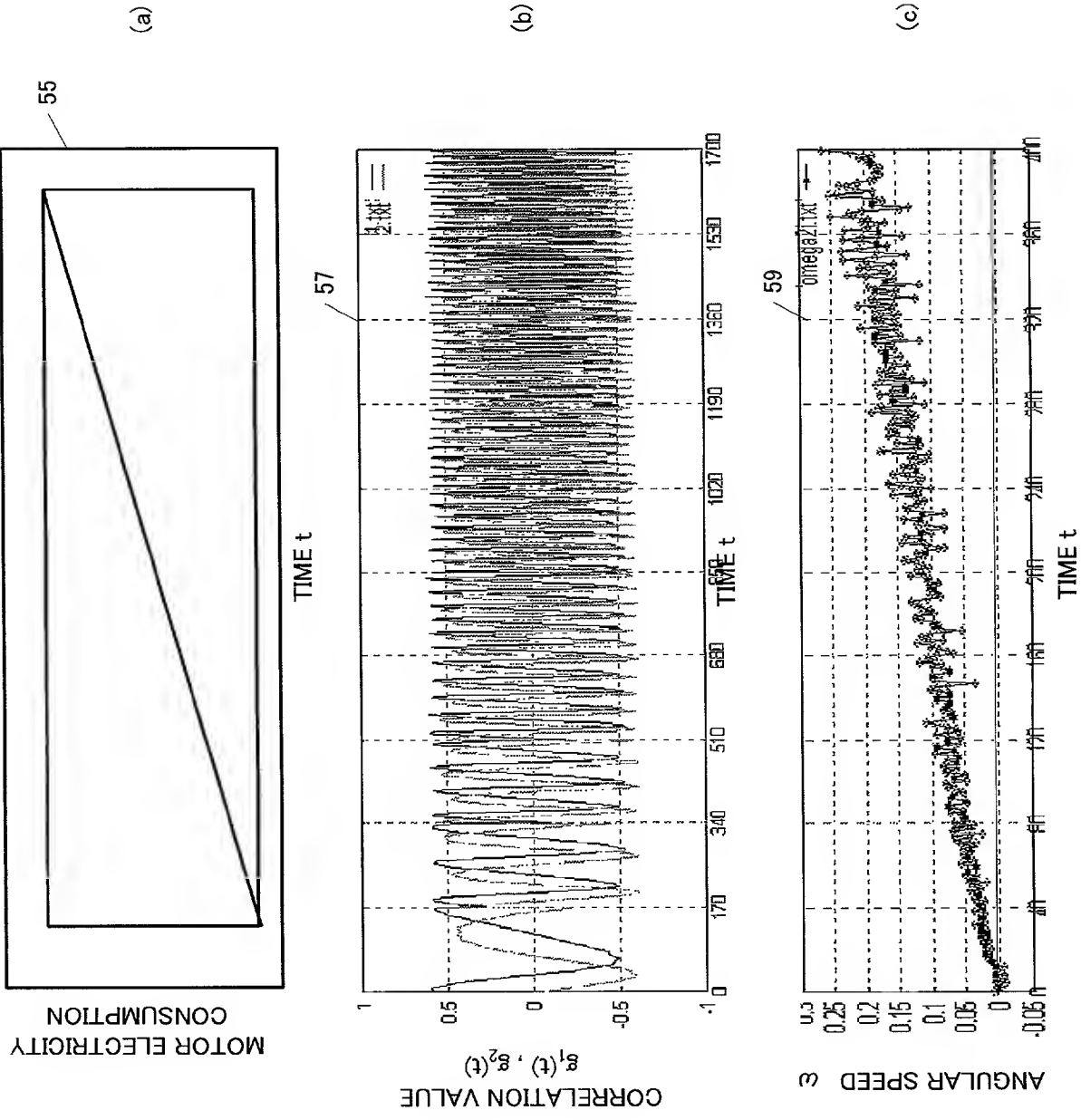


FIG. 5

FIG. 5 is a graph showing the correlation value $g_1(t)$ and $g_2(t)$ over time.

FIG. 6

